

EXHIBIT 1

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Product Description

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Bacteria

ATCC® Number: 35695™ [Order this item](#) Price: \$155.00

Organism: *Escherichia coli* (Migula) Castellani and Chalmers

Designations: MC4100

Depositor: GM Weinstock

History: ATCC<<--GM Weinstock <<--T.
Silhavy <<--- M. Casadaban

Biosafety Level: 1

Shipped: freeze-dried

Growth Conditions: ATCC medium 1065: LB medium
Temperature: 37.0C

Permits/Forms: In addition to the MTA mentioned above, other ATCC and/or regulatory permits may be required for the transfer of this ATCC material. Anyone purchasing ATCC material is ultimately responsible for obtaining the permits. Please [click here](#) for information regarding the specific requirements for shipment to your location.

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Genotype:	F- araD139 delta(argF-lac)U169 rpsL150 relA1 deoC1 rbsR fthD5301 fruA25 lambda-
Comments:	Bacteriophage host host for lac+ plasmids or lambda phage
Applications:	transformation host
References:	11033: Bremer E , et al. Alpha placMu: a transposable derivate of bacteriophage lambda for creating lacZ protein fusions in a single step. J. Bacteriol. 158: 1084-1093, 1984. PubMed: 6327627 11574: Casadaban MJ . Transposition and fusion of the lac genes to selected promoters in <i>Escherichia coli</i> using bacteriophage lambda and mu. J. Mol. Biol. 104: 541-555, 1976. PubMed: 781293 41561: Perkins JD , et al. XbaI and BlnI genomic cleavage maps of <i>Escherichia coli</i> K-12 strain MG1655 and comparative analysis of other strains. J. Mol. Biol. 232: 419-445, 1993. PubMed: 8393935

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mc4100	Word Search	Clear Search
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